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43 Pages

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July 1963

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART II
MISSION 9056
27 - 30 JUNE 1963



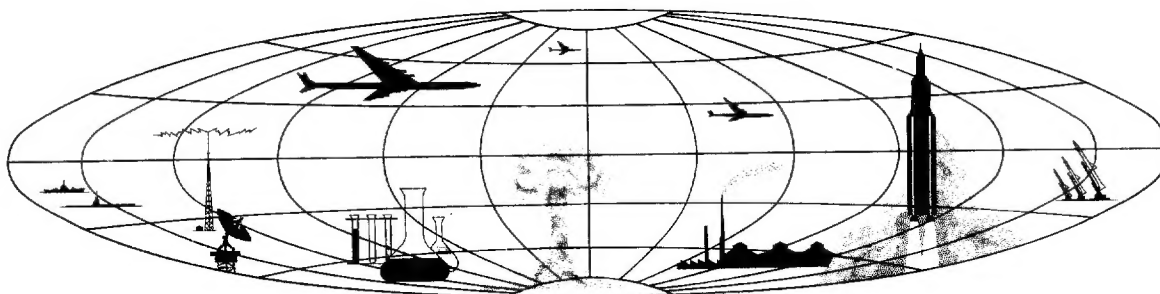
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OAK - PART II

MISSION 9056

PREFACE

THIS IS THE SECOND OF AN ESTIMATED THREE DAILY OAK REPORTS BASED ON MISSION 9056 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK REPORTING PERIOD FROM 1500 HOURS 4 JULY TO 1500 HOURS 5 JULY 1963, PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. COMOR TARGETS NOT OBSERVED OR NOT COVERED BY MISSION 9056 WILL BE LISTED IN THE FINAL OAK REPORT ON THIS MISSION.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT, AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APR 62. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), D (DARKNESS), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

MISSION 9056 DID NOT PROVIDE PHOTOGRAPHIC COVERAGE ON PART OF PASS 56 OR ON ANY SUBSEQUENT PASSES BECAUSE THE FILM SUPPLY WAS EXHAUSTED.

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY FROM MISSION 9056 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PRECISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED

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HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY
SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

2
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25X6

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HIGHLIGHTS

25X1A

1. SHADRINSK ICBM LAUNCH COMPLEX [REDACTED]
A NEW LAUNCH AREA, AREA C, HAS BEEN IDENTIFIED 9.5 NM EAST OF THE COMPLEX SUPPORT FACILITY. THE LAUNCH SITE IS IN AN EARLY STAGE OF CONSTRUCTION WITH ONLY THE ACCESS ROAD AND A LOOP ROAD PATTERN VISIBLE IN A CLEARING.

25X1A

2. MOSCOW SUSPECT ABM AREA [REDACTED]
CONSTRUCTION ACTIVITY AT SA-1 SITE E-33, SIMILAR TO THAT NOTED AT SA-1 SITES E-15 AND E-24 ON MISSION 9054, IS OBSERVED. THIS ACTIVITY IS SIMILAR TO CONSTRUCTION ACTIVITY AT INSTRUMENTATION SITES 2, 10, AND 13, AND AT LAUNCH COMPLEX B, SARY SHAGAN ANTIMISSILE TEST CENTER.

25X2

4. STARYY KILDIN CRUISE MISSILE LAUNCH SITE 3 (MISSILE BONUS 1)
A THIRD CRUISE MISSILE LAUNCH SITE HAS BEEN IDENTIFIED ON KILDIN ISLAND, 1.5 NM WEST OF LAUNCH SITE 2. THE SITE IS LOCATED AT 69-21-30N 34-01-10E.

5. SUBMARINES
A TOTAL OF 31 SUBMARINES, 3 PROBABLE AND 18 POSSIBLE SUBMARINES HAVE BEEN IDENTIFIED THUS FAR ON THIS PHOTOGRAPHY. SIX OF THESE ARE LOCATED IN THE VICINITY OF PETROPAVLOVSK/KAMCHATSKIY AND THE REMAINDER ARE LOCATED IN THE AREA OF MURMANSK.

STATUS OF COMOR TARGET READOUT

SIXTY COMOR TARGETS WERE OBSERVED IN THE CURRENT REPORTING PERIOD AND ARE COVERED BY THIS REPORT. THIS MAKES A TOTAL OF 102 TARGETS REPORTED THUS FAR FROM MISSION 9056. IN ADDITION, A BONUS TARGET, STARYY KILDIN CRUISE MISSILE LAUNCH SITE 3 IS INCLUDED.

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25X1A

MISSILES

VERKHNYAYA SALDA ICBM LAUNCH COMPLEX 5802N 06023E

THE ENTIRE COMPLEX IS COVERED BY GOOD QUALITY CLOUD-FREE PHOTOGRAPHY. LAUNCH AREAS A THRU E ARE COMPLETE WITH NO SIGNIFICANT CHANGES NOTED. RESURFACING WITH ASPHALT OR SOME OTHER BLACK-TONED MATERIAL IS APPARENTLY UNDERWAY AT LAUNCH AREA C ON THE 2 LAUNCH PADS AND ADJACENT ROADS. ONLY ONE LARGE READY BUILDING BEHIND THE LEFT PAD IS APPARENT AT LAUNCH AREA E.

LAUNCH AREA F APPEARS COMPLETE WITH 3 RECTANGULAR OBJECTS EQUALLY SPACED, IN-LINE AND PARALLEL WITHIN THE LOOP ROAD.

25X1D
25X1D

CONSIDERABLE ACTIVITY HAS TAKEN PLACE AT LAUNCH AREA G SINCE [REDACTED] THREE DARK OBJECTS ARE VISIBLE AT THE SILO POSITIONS WITH THE EXCAVATION AROUND THEM ALMOST COMPLETELY FILLED. THE CONTROL BUNKER HAS BEEN PARTIALLY COVERED BUT THE FRONT SIDE IS STILL VISIBLE BECAUSE THE EXCAVATION BETWEEN THE BUNKER AND SILOS HAS NOT BEEN COMPLETELY BACKFILLED. TWO DARK CIRCULAR OBJECTS OR TANKS ARE AT THE LEFT REAR OF THE SITE.

CONSTRUCTION IS PROGRESSING ON LAUNCH AREA H, A TYPE II-C SITE IN A MID-STAGE OF CONSTRUCTION. THE LAUNCH PADS ARE NOT COMPLETE. GRADING IS STILL UNDERWAY AT THE RIGHT PAD. TWO CANTED BUILDINGS ARE LOCATED INSIDE ONE PAD WITH ONE CANTED BUILDING AND A CLEARING FOR A SECOND INSIDE THE OTHER PAD. ONE READY BUILDING IS UNDER CONSTRUCTION AND THERE IS A CLEARING FOR A SECOND READY BUILDING. BOTH ARE OR WILL BE CANTED TO THE LONG AXES OF THE LAUNCH PADS. ONE BUILDING IS LOCATED AT THE CENTER OF THE SITE AND AN UNIDENTIFIED STRUCTURE IS MIDWAY BETWEEN THE PADS ON THE ROAD BETWEEN THEM. TWELVE COMPLETED BUILDINGS ARE IN THE SUPPORT FACILITY AND OTHERS ARE UNDER CONSTRUCTION.

THE PREVIOUSLY REPORTED PROBABLE LAUNCH AREA I IS NOW A CONFIRMED TYPE II-C SITE IN A MID-STAGE OF CONSTRUCTION. ERECTING MECHANISMS ARE APPARENTLY BEING INSTALLED ON THE PADS. TWO CANTED BUILDINGS ARE LOCATED INSIDE ONE PAD AND AT LEAST ONE CANTED BUILDING IS UNDER CONSTRUCTION INSIDE THE OTHER PAD. ONE BUILDING IS CENTRALLY LOCATED WITHIN THE SITE.

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THERE APPEARS TO BE ONE LARGE READY BUILDING UNDER CONSTRUCTION BEHIND THE LEFT PAD AND ONE PROBABLE READY BUILDING UNDER CONSTRUCTION TO THE CENTER REAR OF THE SITE. THERE ARE APPROXIMATELY 15 BUILDINGS IN THE SITE SUPPORT FACILITY.

25X9

NO SIGNIFICANT CHANGES WERE NOTED AT THE COMPLEX SUPPORT FACILITY AND TRANSFER POINT OR AUXILIARY SUPPORT.

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS --

25X1D

LAUNCH AREA A
LAUNCH AREA B
LAUNCH AREA C
LAUNCH AREA D
LAUNCH AREA E
LAUNCH AREA F
LAUNCH AREA G
LAUNCH AREA H
LAUNCH AREA I

25X1D

25X9

25X1D

AUXILIARY SUPPORT
COMPLEX SUPPORT FACILITY
TRANSFER POINT

25X1D

25X1D

25X1A

SHADRINSK ICBM LAUNCH COMPLEX 5608N 06341E

25X1D

25X1D

25X1D

A NEW LAUNCH AREA, AREA C, IS LOCATED AT 56-06N 063-56E, 9.5 NM EAST OF THE COMPLEX SUPPORT FACILITY AND SOUTH OF THE COMPLEX MAIN ROAD BETWEEN LAUNCH AREAS A AND B. IT IS IN AN EARLY STAGE OF CONSTRUCTION WITH ONLY THE ACCESS ROAD AND A LOOP ROAD PATTERN VISIBLE IN A CLEARING. NO EXCAVATION IS PRESENT. THERE WAS NO INDICATION OF SITE CONSTRUCTION ON [REDACTED] ALTHOUGH THE CLEARING IN THE WOODS WAS VISIBLE AS EARLY AS [REDACTED]

LAUNCH AREA A IS STILL IN A LATE STAGE OF CONSTRUCTION. THE 3 SILOS ARE NOT CLEARLY DEFINED AND BACKFILL APPEARS TO BE NEARLY COMPLETE. GRADING OVER

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THE EXCAVATION HAS NOT BEEN COMPLETED AND THE LOOP ROAD PATTERN IS NOT EVIDENT.

25X1D SITE SUPPORT FACILITIES AT LAUNCH AREA A SHOW NO SIGNIFICANT CHANGES IN THE ADMINISTRATIVE AND HOUSING SECTIONS. A DOUBLE FENCED TECHNICAL SECTION NOW CONTAINS ABOUT 7 BUILDINGS, ONE OF WHICH IS A LARGE BUILDING SERVED BY A ROAD WITH WIDE RADIUS TURNS. THIS LARGE BUILDING WAS NOT PRESENT ON [REDACTED] THIS TECHNICAL SITE IS SIMILAR TO THE FENCED AREA EAST OF LAUNCH SITE E AT YURYA.

25X1D LAUNCH AREA B IS STILL IN A MID-STAGE OF CONSTRUCTION. BACKFILLING HAS NOT YET REACHED GROUND LEVEL AND THE 3 SILOS APPEAR AS ROUND OBJECTS. THE LOOP ROAD PATTERN IS APPARENT. NO SIGNIFICANT CHANGES ARE APPARENT IN THE SITE SUPPORT FACILITY FOR LAUNCH AREA B SINCE [REDACTED]

25X1D THERE ARE NO SIGNIFICANT CHANGES SINCE [REDACTED] IN THE COMPLEX SUPPORT FACILITY AND THE RAIL-TO-ROAD TRANSFER POINT. THERE ARE APPROXIMATELY 7 BUILDINGS IN THE TRANSFER POINT.

(SEE ATTACHMENTS 1-3)

25X1D PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS ---

25X1D COMPLEX SUPPORT
25X1D LAUNCH AREA C [REDACTED]

25X1D [REDACTED]
25X1A [REDACTED]

[REDACTED] OMSK ICBM LAUNCH COMPLEX 5503N 07330E

25X1D COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER
25X1D POINT SHOW NO SIGNIFICANT CHANGE SINCE [REDACTED]

25X1D ADDITIONAL BACKFILL HAS BEEN ADDED AROUND THE 3 SILOS AT LAUNCH AREA A, A TYPE V SITE, SINCE [REDACTED]

25X1D THE EXCAVATION AT LAUNCH AREA B APPEARS TO HAVE BEEN ENLARGED SINCE [REDACTED] BUT IT DOES NOT YET HAVE THE RECOGNIZABLE PATTERN OF A HARD SITE. SIX
25X1D ADDITIONAL BUILDINGS IN THE GENERAL AREA OF THE LAUNCH SITE WERE PRESENT ON [REDACTED] BUT WERE NOT REPORTED.

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25X9

(SEE ATTACHMENT 4)

25X1D

REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS
FOLLOWS --

25X1D

COMPLEX SUPPORT
TRANSFER POINT
LAUNCH AREA A
LAUNCH AREA B

25X1D

25X1A

[REDACTED] SARANSK, SUSPECT SSM AREA 5411N 04511E

NO SSM ACTIVITY IDENTIFIED IN CLOUD-FREE AREAS WITHIN
30-NM RADIUS OF SARANSK.

25X1D

25X1A

[REDACTED] KIVERTSY MRBM LAUNCH SITE 1 5052N 02530E

NO HARDENED IRBM LAUNCH SITE OBSERVED IN CLEAR AREAS
WITHIN A 25-NM RADIUS OF KIVERTSY MRBM LAUNCH SITE 1.
AREA CANNOT BE NEGATED.

25X1D

25X1A

[REDACTED] KOROSTEN MRBM LAUNCH SITE 1 5051N 02818E

NO HARDENED IRBM LAUNCH SITE OBSERVED IN CLOUD-FREE
PORTIONS WITHIN A 25-NM RADIUS OF KOROSTEN MRBM LAUNCH
SITE 1. SCATTERED CLOUDS PRECLUDE NEGATION.

25X1D

25X1A

[REDACTED] YELSK MRBM LAUNCH SITE 1 5142N 02912E

NO HARDENED IRBM SITE OBSERVED IN CLOUD-FREE PORTIONS
WITHIN A 25-NM RADIUS OF YELSK MRBM LAUNCH SITE 1.
SEARCH CANNOT BE NEGATED BECAUSE OF 40 PERCENT CLOUD
COVER.

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25X1D

25X1A

BORKHOV MRBM LAUNCH SITE 1 5218N 03043E

NO HARDENED IRBM LAUNCH SITES OBSERVED IN CLOUD-FREE PORTIONS WITHIN A 25-NM RADIUS OF BORKHOV MRBM LAUNCH SITE 1. AREA CANNOT BE NEGATED AT THE PRESENT TIME BECAUSE OF 30 PERCENT CLOUD COVER.

25X1D

25X1A

LIPNIKI MRBM LAUNCH SITE 5112N 02826E

NO MATCHING LAUNCH SITE OR HARDENED IRBM LAUNCH SITE OBSERVED IN CLOUD-FREE PORTIONS WITHIN A 25-NM RADIUS OF LIPNIKI MRBM LAUNCH SITE. SEARCH CANNOT BE NEGATED BECAUSE OF CLOUD COVER.

25X1D

25X1A

PETRIKOV MRBM LAUNCH SITE 5210N 02834E

NO HARDENED IRBM LAUNCH SITE OBSERVED IN CLOUD-FREE PORTIONS WITHIN A 25-NM RADIUS OF PETRIKOV MRBM LAUNCH SITE. THE SEARCH AREA IS 30 PERCENT CLOUD-COVERED AND CANNOT BE NEGATED.

25X1D

25X1A

KOZHANOVICHI POSSIBLE MRBM LAUNCH SITE 1 5210N 02751E

NO HARDENED IRBM LAUNCH SITE OBSERVED IN CLOUD-FREE AREAS WITHIN A 25-NM RADIUS OF KOZHANOVICHI POSSIBLE MRBM SITE 1. CLOUD COVER PRECLUDES NEGATION.

25X1D

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25X1A

MARIJAMPOLE, SUSPECT MRBM AREA 5433N 02321E

NO MRBM ACTIVITY OBSERVED WITHIN 10-NM RADIUS OF THE
ABOVE COORDINATES.
SEARCH AREA APPROXIMATELY 70 PERCENT CLOUD-COVERED.

25X1D

25X1A

RUDNYA ZLOTINSKAYA HARD MRBM/IRBM LAUNCH SITE 5104N 02807E

LAUNCH SITE APPEARS COMPLETE.
NO NEW MRBM/IRBM ACTIVITY OBSERVED IN CLOUD-FREE
PORTIONS WITHIN 25-NM RADIUS OF RUDNYA ZLOTINSKAYA
HARD MRBM/IRBM LAUNCH SITE.
AREA CANNOT BE NEGATED BECAUSE OF CLOUD COVER.

25X1D

25X1A

KISHENTSY HARD MRBM/IRBM LAUNCH SITE 4900N 03013E

SITE APPEARS COMPLETE. NO ADDITIONAL LAUNCH
SITES OBSERVED IN CLOUD-FREE PORTIONS WITHIN
A 25-NM RADIUS OF KISHENTSY HARDENED MRBM/
IRBM LAUNCH SITE.

25X1D

25X1A

ZHURAVKA IRBM LAUNCH SITE 5436N 07640E

CONSTRUCTION OF LAUNCH SITE IS COMPLETED.
NO ADDITIONAL SSM ACTIVITY IDENTIFIED IN AREAS
WITHIN A 25-NM RADIUS OF ZHURAVKA IRBM LAUNCH
SITE. FAR EASTERN PORTION OF AREA NOT COVERED
BY PHOTOGRAPHY.

25X1D

25X1A

KAMCHATKA PENINSULA, SUSPECT ABM AREA 5600N 16000E

NO NEW RADARS, ABM LAUNCH SITES, OR RANGE
INSTRUMENTATION OBSERVED ON CLOUD-FREE

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PORTIONS OF SEARCH AREA, HOWEVER AREA 50 PERCENT CLOUD COVERED.

NO SIGNIFICANT CHANGE IN SITES NEAR UKA, KLYUCHI, UST KAMCHATSK, AND PETROPAVLOVSK-KAMCHATSKIY.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS --

25X1D

UKA --

25X1D

KLYUCHI --

25X1D

UST KAMCHATSK

25X1D

PETROPAVLOVSK-KAMCHATSKIY

25X1D

25X1A

MOSCOW GUIDED MISSILE PLANT KHIMKI 456 5554N 03727E

NO NEW CONSTRUCTION OBSERVED IN THE PLANT AREA.
NO MISSILE EQUIPMENT IDENTIFIED. NO ACTIVITY OBSERVED
WITHIN THE TEST AREA. PHOTOGRAPHY IS CLEAR AND IS
BEST QUALITY TO DATE.

(SEE ATTACHMENT 5)

25X1D

25X1A

MOSCOW GM PLT & EXPMT STA KALININGRAD 88 5555N 03748E

NO TEST FACILITIES OR NEW CONSTRUCTION OBSERVED.
NO MISSILE EQUIPMENT IDENTIFIED. PHOTOGRAPHY IS CLEAR
AND IS BEST QUALITY TO DATE.

25X1D

25X1A

OMSK AIRCRAFT ENGINE PLANT BARANOVA 29 5457N 07326E

NO NEW CONSTRUCTION OR MISSILE-RELATED ACTIVITY
OBSERVED.
THIS IS BEST KEYHOLE PHOTOGRAPHY TO DATE. QUALITY IS
GOOD.
AIRCRAFT -- ONE LARGE STRAIGHT-WING, 3 MEDIUM
STRAIGHT-WING, AND 33 SMALL UNIDENTIFIED AIRCRAFT AT
OMSK EAST AIRFIELD.

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25X1D

25X1A

[REDACTED] OMSK AREA, STATIC TEST FACILITY 5527N 07322E

25X1D

25X1D

CONSTRUCTION ACTIVITY NOTED ON [REDACTED]
[REDACTED] CONTINUES AND APPEARS TO BE A SECOND
TEST STAND. EXCAVATION OF A PIT SIMILAR TO THAT AT
THE FIRST STAND IS UNDERWAY AND A STRUCTURE SIMILAR TO
THE CONTROL BUNKER AT THE FIRST STAND IS UNDER
CONSTRUCTION.
NO MISSILE EQUIPMENT OBSERVED IN THE TEST AREA.

(SEE ATTACHMENT 6)

25X1D

25X1A

[REDACTED] KAZAN AIRCRAFT ENGINE PLANT 16 5551N 04907E

NO ROCKET ENGINE TEST FACILITY OBSERVED WITHIN
A 35-NM RADIUS OF KAZAN.
AREA IS 40 PERCENT COVERED BY HAZE AND
SCATTERED CLOUDS.

25X1D

25X1A

[REDACTED] SHCHERBAKOV AIRCRAFT ENGINE PLANT 36 5803N 03849E

NO ROCKET ENGINE TEST FACILITIES WERE OBSERVED IN
CLOUD-FREE AREAS WITHIN A 35-NM RADIUS OF SHCHERBAKOV.

25X1D

25X1A

[REDACTED] AL QAHIRAH (CAIRO) AIRFRAME PLT HELWAN (EGYPT) 2949N 03119E

25X1D

25X1D

25X1D

25X1D

25X1D

THIS PLANT HAS BEEN EXPANDED SINCE [REDACTED]
[REDACTED] FOUR LARGE SHOPS HAD BEEN ADDED BY [REDACTED]
[REDACTED] THE FABRICATION AND ASSEMBLY
BUILDING IN AN EARLY STAGE OF CONSTRUCTION ON
[REDACTED] NOW APPEARS TO BE COMPLETED. IT IS
L-SHAPED AND MEASURES APPROXIMATELY 800 X 600 FT. NO
TEST CELLS, AIRCRAFT, OR MISSILES VISIBLE.

25X1D

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25X1A

TBILISI AIRFRAME PLANT 31 4140N 04452E

NO AIRCRAFT OR MISSILE ACTIVITY OR EQUIPMENT OBSERVED. COMPLEX, APPROXIMATELY .5 SQ MI IN AREA, CONTAINS 2 LARGE FABRICATION BUILDINGS AND APPROXIMATELY 30 ASSOCIATED MACHINE SHOPS, STORAGE AND ADMINISTRATION BUILDINGS. A LARGE L-SHAPED BUILDING HAS BEEN CONSTRUCTED SE OF THE 2 LARGE FABRICATION BUILDINGS SINCE [REDACTED] ONE PROBABLE STORAGE BUILDING HAS BEEN REMOVED SINCE [REDACTED]

25X1D

25X1D

25X1D

25X1A

NIZHNAYA SALDA SUSP MISSILE ENG TEST FAC 5809N 06045E

NO EVIDENCE OF A MISSILE ENGINE TEST FACILITY, NO MISSILE ACTIVITY OR EQUIPMENT OBSERVED. THIS GOOD QUALITY PHOTOGRAPHY IS BEST TO DATE.

25X1D

25X1A

OMSK AIRCRAFT PLANT 166 5458N 07326E

NO NEW CONSTRUCTION ACTIVITY OBSERVED IN PLANT AREA. NO MISSILE ACTIVITY OBSERVED IN PLANT AREA.

25X1D

25X1A

AL QUNAYTIRAH, SUSPECT SAM AREA (SYRIA) 3307N 03549E

NO SAM ACTIVITY OBSERVED WITHIN A 15-NM RADIUS OF AL QUNAYTIRAH.

25X1D

25X1A

SEVEROMORSK SUSPECT MISSILE STORAGE 6906N 03328E

NO CHANGE IN THE POSSIBLE NAVAL MISSILE-ASSOCIATED STORAGE AREA SINCE [REDACTED] NO NEW MISSILE [REDACTED] CONSTRUCTION OBSERVED WITHIN 25-NM RADIUS OF SEVEROMORSK. VESSELS -- ONE SURFACE VESSEL AT THE OFFSHORE WHARF AT THE AMMUNITION STORAGE AREA. VESSELS AT

25X1D

25X9

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SEVEROMORSK NAVAL BASE INCLUDE 3 CRUISERS, 2 LARGE DESTROYERS, 8 SMALL DESTROYERS, AND 6 SUBMARINES.

25X1D

25X1A

 SAYDA GUBA SUBMARINE BASE 6915N 03321E

VESSLS -- 9 SUBMARINES ABOUT 295 FT (OVERALL LENGTH), ONE POSSIBLE SUBMARINE ABOUT 295 FT (OVERALL LENGTH) AND 3 LARGE AUXILIARIES ARE AT THE SUBMARINE BASE. EIGHT DD ARE LOCATED AT THE NAVAL BASE 2 NM WSW OF THE SUBMARINE BASE. NO SUBMARINE BASE CONSTRUCTION OBSERVED.

(SEE ATTACHMENT 7)

25X1D

25X1A

 OLENYA GUBA SUBMARINE BASE 6913N 03323E

VESSLS -- 6 SUBMARINES AND AT LEAST 2 SURFACE VESSELS. FACILITIES INCLUDE 6 PIERS INCLUDING ONE T-HEAD AND ONE L-HEAD PIER, 11 LARGE DISPERSED STORAGE-TYPE BUILDINGS AND ABOUT 60 OTHER BUILDINGS. BASE IS ROAD-SERVED FROM POLYARNYY NAVAL BASE.

(SEE ATTACHMENT 8)

25X1D

25X1A

 POLYARNYY NAVAL BASE 6912N 03328E

NO MISSILE HANDLING OR STORAGE FACILITIES OBSERVED. VESSELS -- 10 SUBMARINES, 5 POSSIBLE SUBMARINES, 2 PROBABLE DESTROYERS, AND 13 UNIDENTIFIED SMALL VESSELS.

(SEE ATTACHMENT 9)

25X1D

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25X1A

[REDACTED] LITSA BAY SUBMARINE BASE 6926N 03224E

VESSELS --- 5 UNIDENTIFIED 320 FT VESSELS ARE POSSIBLY SUBMARINES, ONE UNIDENTIFIED NARROW BEAM 320 FT VESSEL, ONE PROBABLE DD, AND ABOUT 7 OTHER VESSELS.

FACILITIES INCLUDE 9 PIERS. TWO WAREHOUSE/SUPPORT AREAS CONTAIN A TOTAL OF ABOUT 39 BUILDINGS. A SUPPORT AREA 1.5 NM SOUTH OF THE SUBMARINE BASE CONTAINS AT LEAST 55 BUILDINGS AND A SECURED AREA WITH 4 HEAVILY REVETTED STORAGE STRUCTURES.

NO EVIDENCE OF MISSILE STORAGE CONSTRUCTION OBSERVED.

(SEE ATTACHMENT 10)

25X1D

25X1A

[REDACTED] PETROPAVLOVSK/KAMCHATSKIY SUBMARINE BASE 5255N 15830E

VESSELS --- ONE POSSIBLE SUBMARINE ABOUT 385 FT IN OVERALL LENGTH, 3 PROBABLE TENDERS/CARGO SHIPS, ONE OTHER SURFACE VESSEL, AND 5 POSSIBLE SMALL VESSELS AT SUBMARINE BASE. FIVE POSSIBLE SUBMARINES WITH NUMEROUS OTHER VESSELS AT THE NAVAL BASE AREA ABOUT 8 NM ENE OF THE SUBMARINE BASE.

NO NEW SUBMARINE BASES OBSERVED IN CLOUD-FREE PORTIONS OF SEARCH AREA. NO APPARENT CHANGE AT NAVAL BASE STORAGE AREA.

(SEE ATTACHMENTS 11-13)

25X1D

25X1A

[REDACTED] URA GUBA NAVAL BASE 6920N 03249E

NO NEW SS BASE UNDER CONSTRUCTION OBSERVED.
NO CHANGE IN PIERS SINCE [REDACTED]

25X1D

25X1D

FORTY-SEVEN BUILDINGS OBSERVED AT BASE. STORAGE AREA ONE NM SW OF BASE CONTAINS 9 LARGE BUILDINGS AND 10 SMALL BUILDINGS.

VESSELS --- AT LEAST 22 VESSELS IN PORT INCLUDING 3 PROBABLE SUBMARINES AND SEVERAL SMALL, UNIDENTIFIED VESSELS.

~~TOP SECRET CHESS RUFF~~

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(SEE ATTACHMENT 14)

25X1D

25X1A

DOLGAYA NAVAL BASE 6915N 03350E

NO MISSILE HANDLING FACILITIES OBSERVED.
VESSELS -- 8 DE OR PF AND NUMEROUS SMALL CRAFT.

(SEE ATTACHMENT 15)

25X1D

25X1A

PALA GUBA NAVAL BASE 6912N 03326E

NO EVIDENCE OF MISSILE HANDLING OR STORAGE FACILITIES.
FIVE PIERS AND AT LEAST 20 BUILDINGS OBSERVED.
VESSELS -- APPARENTLY 9 VESSELS IN PORT INCLUDING ONE
POSSIBLE SUBMARINE.

25X1D

25X1A

MOSCOW SUSPECT ABM AREA 5545N 03737E

APPROXIMATELY 40 PERCENT OF THE SEARCH AREA IS CLOUD-
COVERED. AREAS TO THE NORTH, WEST AND SOUTH OF MOSCOW
ARE VISIBLE AND THE FOLLOWING ITEMS ARE OBSERVED --

25X1D

25X1D

MOSCOW SA-1 SAM SITE E-33 -- CONSTRUCTION ACTIVITY
IS TAKING PLACE ON THE NW CORNER OF THE HERRINGBONE.
THIS ACTIVITY IS SIMILAR TO THAT REPORTED AT SA-1
SITES E-24, AND E-15 ON [REDACTED]
AND IS FURTHER ADVANCED. THE ACTIVITY CONSISTS OF A
LARGE BUILDING AND 2 PROBABLE SMALL BUILDINGS, FORMING
A TRIANGULAR PATTERN, AND A SMALL PLUS CONFIGURATION.
EACH OF THE PROBABLE BUILDINGS HAS AN OBJECT ON
TOP OF IT.

25X1D

MOSCOW SA-1 SAM SITE E-24 -- THE OBJECT REPORTED ON
[REDACTED] AS A BUILDING FOUNDATION NOW APPEARS TO
BE A LARGE, ROOFED BUILDING. THERE IS A LONG, LOW
PROBABLE STRUCTURE LOCATED BESIDE AND PARALLEL TO
THIS BUILDING.

MOSCOW SA-1 SAM SITE E-15 -- 2 RAISED STRUCTURES
ARE DEFINITELY PRESENT, EACH WITH A RAISED OBJECT

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~~TOP SECRET CHESS RUFF~~

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ON TOP. THE AREA WHERE THE LARGE BUILDING SHOULD BE FOUND CONTAINS 5 STRUCTURES, ONE OF WHICH APPEARS TO BE THE LARGE BUILDING UNDER CONSTRUCTION. NO PLUS CONFIGURATION IS VISIBLE HERE. THE ACTIVITY FOUND AT MOSCOW SA-1 SAM SITES E-33, E-24, AND E-15 IS SIMILAR TO CONSTRUCTION ACTIVITY AT INSTRUMENTATION SITES 2, 10, 13 AND AT LAUNCH COMPLEX B, SARY SHAGAN ANTIMISSILE TEST CENTER.

MOSCOW SA-1 SAM SITE C-25 -- IN ADDITION TO A PROBABLE SQUARE STRUCTURE, THERE IS A POSSIBLE ROUND STRUCTURE IN THE AREA OF UNIDENTIFIED ACTIVITY REPORTED ON

25X1D

AN SA-2 SAM SITE HAS BEEN NEWLY IDENTIFIED 35 NM SE OF MOSCOW AT 55-33-10N 36-41-10E. THE SITE WAS PRESENT ON IT IS POSSIBLY A TRAINING SITE.

25X1D

AN SA-0 SAM SITE HAS BEEN NEWLY IDENTIFIED 35 NM SE OF MOSCOW AT 55-33-00N 36-40-50E. THE SITE WAS PRESENT ON AND IS POSSIBLY A TRAINING SITE. THE SA-2 SITE AND THE SA-0 SITE ARE LOCATED A SHORT DISTANCE APART AND WITHIN THE SAME MILITARY COMPOUND.

25X1D

THE AREA CONTAINING THE 850 X 300 FT BUILDING, LOCATED AT 56-18-20N 36-32-30E, SHOWS NO APPARENT CHANGE SINCE

25X1D

THE PROBABLE INTERFEROMETER, LOCATED AT 55-23-40N 38-20-00E SHOWS NO APPARENT CHANGE SINCE

25X1D

MOSCOW SA-3 SAM TRAINING AREA SHOWS NO APPARENT CHANGE SINCE ATTACHE PHOTOGRAPHY OF THIS SITE IS OF THE CATEGORY C CONFIGURATION.

25X1D

(SEE ATTACHMENTS 16-18)

PHOTOGRAPHIC REFERENCES OF SIGNIFICANT ITEMS ON ARE AS FOLLOWS --

25X1D

MOSCOW SA-1 SAM SITE E-33

25X1D

MOSCOW SA-1 SAM SITE E-24

MOSCOW SA-1 SAM SITE E-15

25X1D

MOSCOW SA-1 SAM SITE C-25

NEWLY IDENTIFIED SA-2 SITE

25X1D

NEWLY IDENTIFIED SA-0 SAM SITE

25X1D

LARGE BUILDING

25X1D

PROBABLE INTERFEROMETER

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25X1D

MOSCOW SA-3 SAM TRAINING AREA

25X1D

25X1A

LENINGRAD PROBABLE AMM AREA 5955N 03020E

25X1D

THE THREE PROBABLE AMM LAUNCH COMPLEXES AT LENINGRAD AND THE ELECTRONICS FACILITIES POSSIBLY ASSOCIATED WITH THEM ARE COVERED BY GENERALLY FAIR QUALITY PHOTOGRAPHY. NO APPARENT CHANGE IS OBSERVED SINCE [REDACTED] IN THE SW AND NE LAUNCH COMPLEXES, IN THE SW AND SSE PROBABLE ELECTRONICS SITES OR IN THE POSSIBLE ELECTRONICS SITE APPROXIMATELY 8 NM EAST OF THE NE LAUNCH COMPLEX.

25X1D

LAUNCH POSITIONS AND THE SUPPORT AREA AT THE NW LAUNCH COMPLEX, PARTIALLY CLOUD-COVERED ON [REDACTED] SHOW NO SIGNIFICANT CHANGE.

25X1D

IN THE PROBABLE ELECTRONICS FACILITY AT THE NW LAUNCH COMPLEX, CONSTRUCTION STATUS OF THE PROBABLE CENTRAL CONTROL BUILDING IS UNDETERMINED BECAUSE OF INDISTINCT PHOTOGRAPHY. NO CHANGE IS APPARENT SINCE [REDACTED]

25X1D

25X1D

[REDACTED] IN THE 2 LARGE, UPRIGHT, APPARENTLY CYLINDRICAL STRUCTURES AT THE 2 EXTREMITIES OF THE FACILITY. CONSTRUCTION OBSERVED ON [REDACTED] JUST NE OF THE PROBABLE CENTRAL CONTROL BUILDING HAS CONTINUED AND CAN NOW BE IDENTIFIED AS A PROBABLE SA-3 SITE UNDER CONSTRUCTION.

25X1D

NO CHANGE IS OBSERVED AT THE POSSIBLE AMM TRAINING FACILITY SINCE [REDACTED] EXCEPT FOR THE APPEARANCE OF AN SA-3 SITE UNDER CONSTRUCTION AT THE NE CORNER OF THE LENINGRAD SAM TRAINING FACILITY C-06, WITH WHICH THE POSSIBLE AMM TRAINING FACILITY IS COLLOCATED.

NO HEN EGGS, HEN NESTS, HEN HOUSES, OR ANY OTHER RELATIVELY NEW ELECTRONIC SITES COULD BE IDENTIFIED WITHIN A 40-NM RADIUS OF LENINGRAD.

25X1D

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON [REDACTED] ARE AS FOLLOWS --

25X1D

SW PROBABLE AMM LAUNCH COMPLEX

25X1D

NE PROBABLE AMM LAUNCH COMPLEX

25X1D

NW PROBABLE AMM LAUNCH COMPLEX

25X1D

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25X1D

POSSIBLE AMM TRAINING FACILITY

25X1D

SW PROBABLE ELECTRONICS SITE -

25X1D

SSE PROBABLE ELECTRONICS SITE

25X1D

25X1D

POSSIBLE ELECTRONICS SITE

25X1D

25X1A

FERGANA, SUSPECT ABM AREA 4022N 07144E

ONLY EXTREME EAST EDGE OF SEARCH AREA COVERED.
NO DETAILS DISCERNIBLE IN AREA COVERED.

25X1D

BONUS 1. STARYY KILDIN CRUISE-MISSILE LCH SITE 3 6921N 03401E

A THIRD CRUISE-MISSILE LAUNCH SITE IS NEWLY IDENTIFIED ON KILDIN ISLAND AT 69-21-30N 034-01-10E, 1.5 NM WEST OF LAUNCH SITE 2. THE SITE CONSISTS OF 2 OCCUPIED LAUNCH REVETMENTS, 2 RADARS, ONE MISSILE-HOLD REVETMENT AND A DRIVE-THROUGH BUILDING. AN ASSOCIATED SUPPORT AREA IS LOCATED APPROXIMATELY 3,000 FT SOUTH OF THE SITE.

25X1D

25X1A

AIRFIELDS

CHEPELEVKA AIRFIELD 4947N 03026E

AIRCRAFT -- 3 LARGE STRAIGHT-WING TRANSPORTS ON ALERT APRON, 9 BADGER ON HARDSTANDS, 3 BISON/BEAR IN LOADING AREA, ONE BISON/BEAR ON SOD AREA NEAR HARDSTANDS, 4 BEAR IN LOADING AREA, 17 BEAR ON PARKING APRON, AND 16 BEAR ON HARDSTANDS.
FUNCTION OF UNIDENTIFIED AREA UNDETERMINED.
NO NEW MAJOR FACILITIES OR EVIDENCE OF AIR-TO-SURFACE MISSILES OBSERVED.

25X1D

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25X1A

[REDACTED] BARANOVICHI AIRFIELD 5306N 02603E

AIRCRAFT -- 15 LARGE SWEEP-WING AIRCRAFT OBSERVED
INCLUDING ONE POSSIBLE BLINDER.

25X1D

25X1A

[REDACTED] PRILUKI AIRFIELD 5034N 03219E

25X1D NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED]

25X1D

NO AIRCRAFT DISCERNIBLE ON VISIBLE PORTIONS OF
AIRFIELD.

25X1D

25X1A

[REDACTED] BELAYA TSEKOV AIRFIELD 4947N 03001E

AIRCRAFT -- ONE BEAR ON RUNWAY, 2 BADGER AND ONE
BEAR ON TAXIWAYS, 6 BADGER ON PARKING APRON, AND 51
BADGER AND 2 BEAR ON HARDSTANDS.

25X1D

25X1A

[REDACTED] RYAZAN/DYAGILEVO AIRFIELD 5439N 03935E

AIRCRAFT -- 28 POSSIBLE BADGER OBSERVED ON
HARDSTANDS.

25X9

25X1D

25X1A

[REDACTED] NEZHIN AIRFIELD 5105N 03152E

AIRCRAFT -- 12 UNIDENTIFIED SWEEP-WING ON HARDSTANDS.

25X1D

25X1A

[REDACTED] USSURIYSK/VOZDVIKHENKA AIRFIELD 4355N 13156E

25X9

25X1D

SOUTH END OF MAIN RUNWAY HAS NEW, APPROXIMATELY

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1,700 FT OVERRUN.
LACK OF CONTRAST PRECLUDES FURTHER INTERPRETATION.
AIRCRAFT -- APPROXIMATELY 45 POSSIBLE JET FIGHTERS.

25X1D

25X1A

RAMENSKOYE AIRCRAFT EXPERIMENTAL PLANT 5535N 03807E

AIRCRAFT -- 11 POSSIBLE BISON, 10 LARGE SWEEP-WING,
16 MEDIUM SWEEP-WING, 15 UNIDENTIFIED SWEEP-WING,
AND 2 LARGE STRAIGHT-WING.

25X1D

25X1A

KU-ERH-LO AREA, AIRFIELD (CHINA) 4146N 08555E

NO AIRFIELD OBSERVED IN CLOUD-FREE AREA.

25X1D

25X1A

TU-LU-FAN AIRFIELD (CHINA) 4257N 08910E

NO AIRFIELD OBSERVED AT THIS LOCATION.

25X1D

25X1A

YING-PAN AREA, AIRFIELD (CHINA) 4038N 08749E

NO AIRFIELD OBSERVED AT THIS LOCATION.

25X1D

25X2□

25X2

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25X1A

NAVAL ACTIVITY

[REDACTED] VARNA NAVAL BASE & SHIP REPAIR YARD (BULGARIA) 4311N 02754E

VESSLS -- 5 LARGE VESSELS AND NUMEROUS SMALL VESSELS
OBSERVED.
NO SUBMARINES OR SUBMARINE FACILITIES OBSERVED.
COMPLETE, CLEAR COVERAGE.

25X1D

25X1A

[REDACTED] SOZOPOL NAVAL BASE (BULGARIA) 4225N 02741E

NO VESSELS OBSERVED.
NO EVIDENCE OF SUBMARINE FACILITIES OBSERVED.
CLEAR, COMPLETE COVERAGE.

25X1D

[REDACTED]

25X2



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25X2



25X1A

MILITARY ACTIVITY

TI-HUA -- RUDOG ROAD (CHINA) 4348N 08735E

ROAD OBSERVED FROM TI-HUA (URUMCHI) 43-48N 087-35E
TO 10 NM SOUTH OF YEN-CHI (KARASHAHR) 42-05N 086-33E.
SMALL SCALE OF PHOTOGRAPHY PRECLUDES DETERMINATION
OF ROAD CONDITION.

25X1D



25X1B

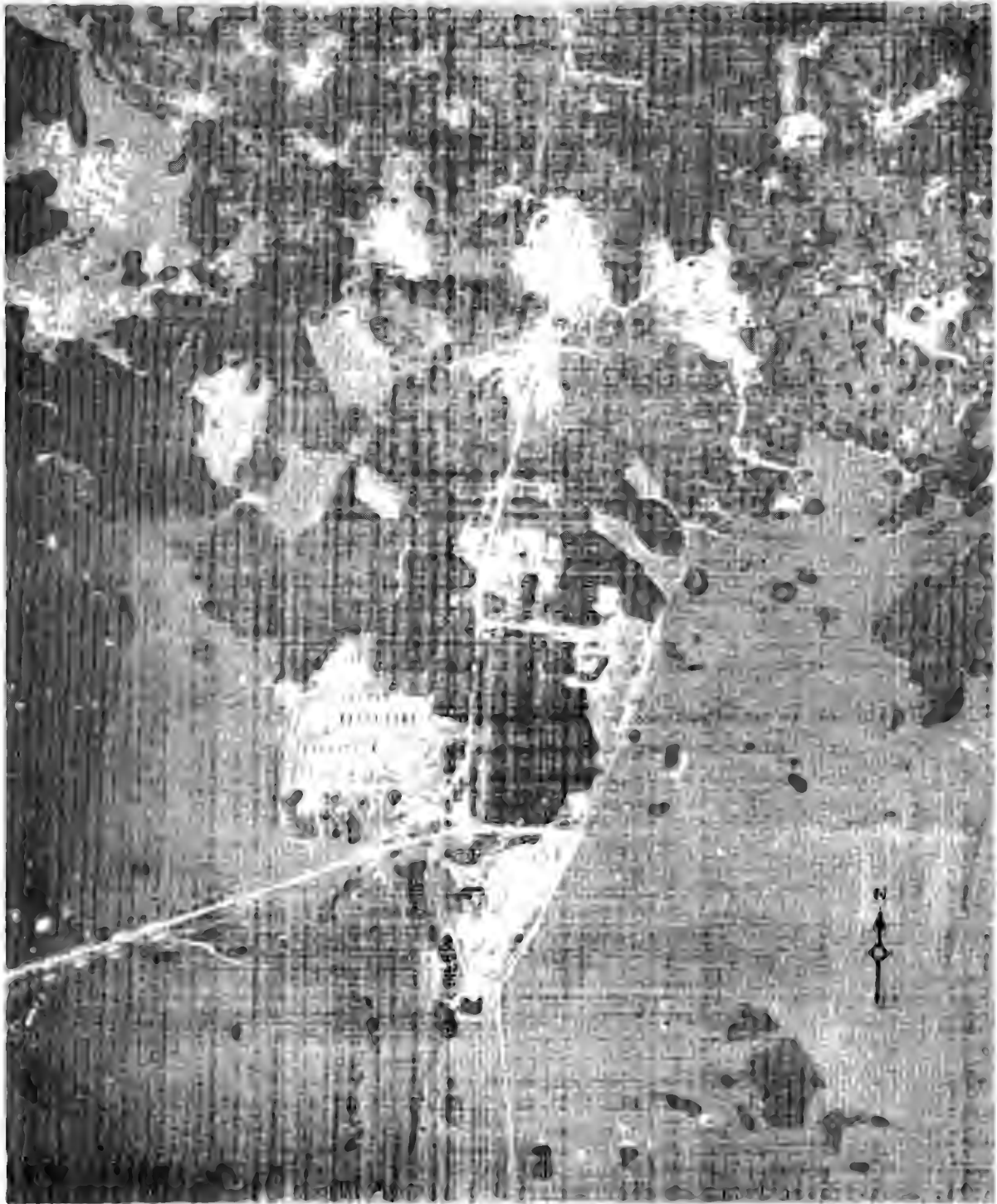




NPIC II-3411 (7/83)

LAUNCH AREA A, SHADRINSK ICBM LAUNCH COMPLEX

NUC/R-15/63
ATTACHMENT 2



NPIC 11-3412 (7/63)

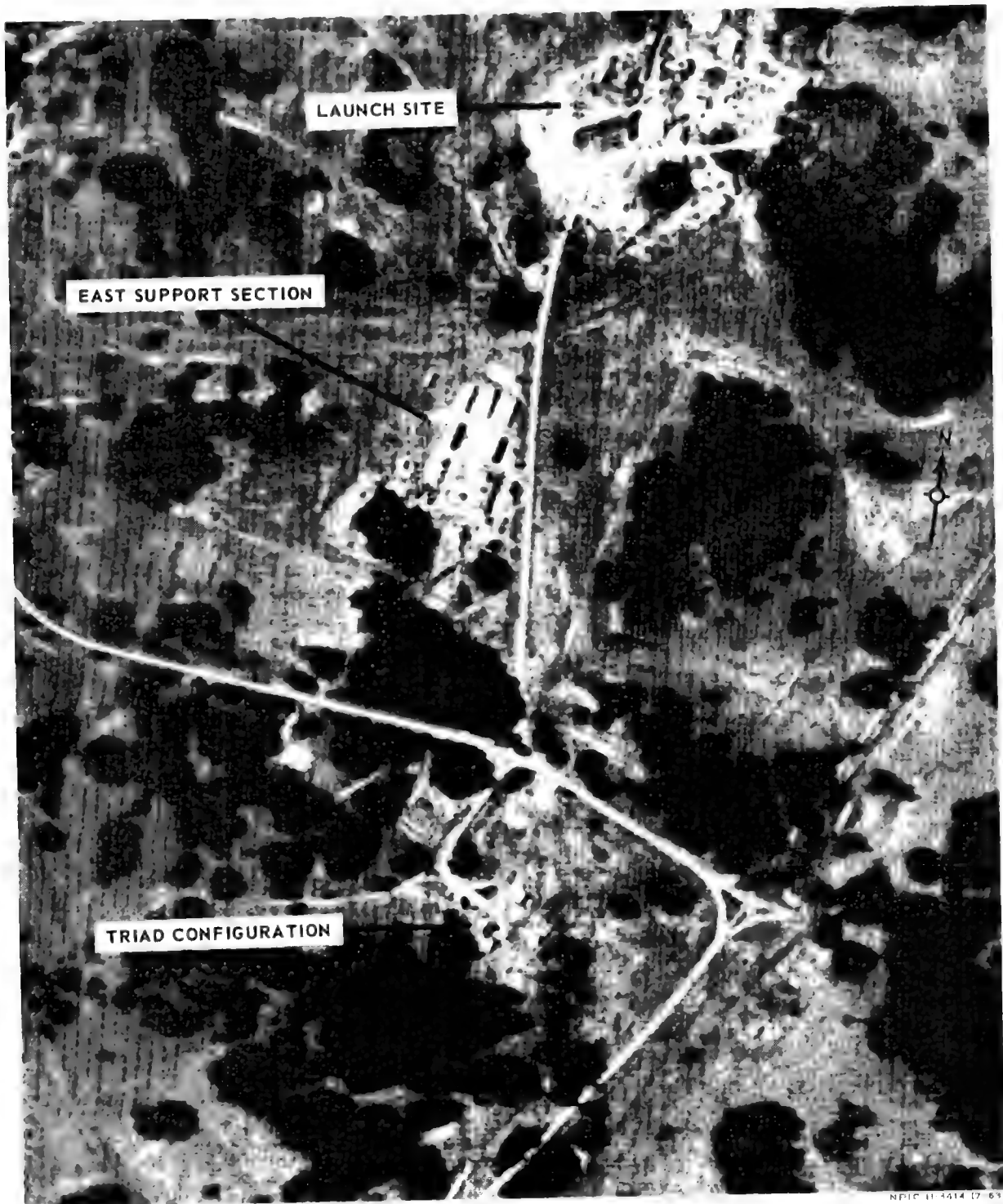
LAUNCH AREA B, SHADRINSK ICBM LAUNCH COMPLEX

HQIC R-135/63
ATTACHMENT 3



NY 100-1141-27-60

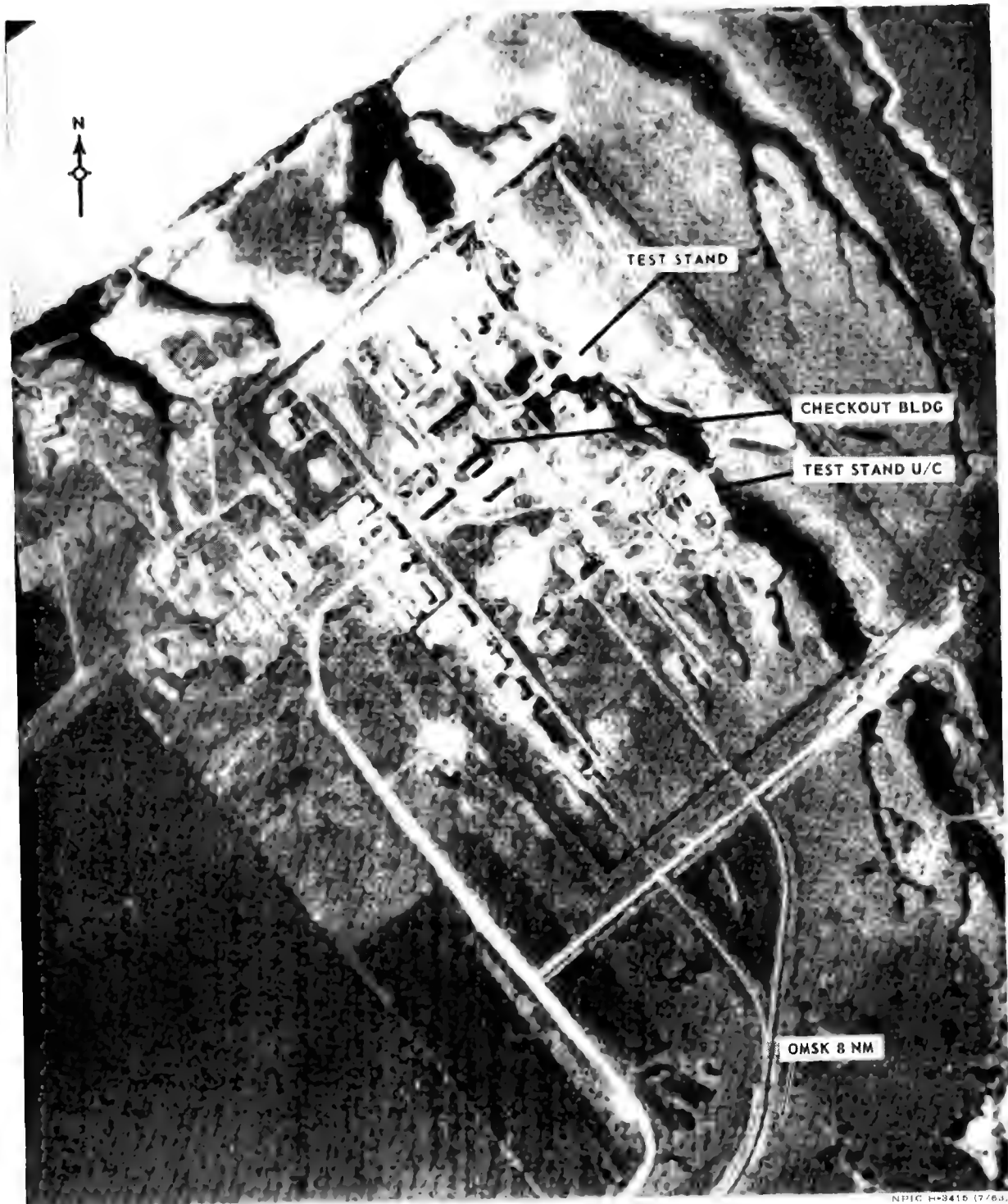
NEW LAUNCH AREA C, SHADRINSK ICBM LAUNCH COMPLEX



LAUNCH AREA A, OMSK ICBM LAUNCH COMPLEX.



MOSCOW GUIDED MISSILE PLANT KHIMKI 456

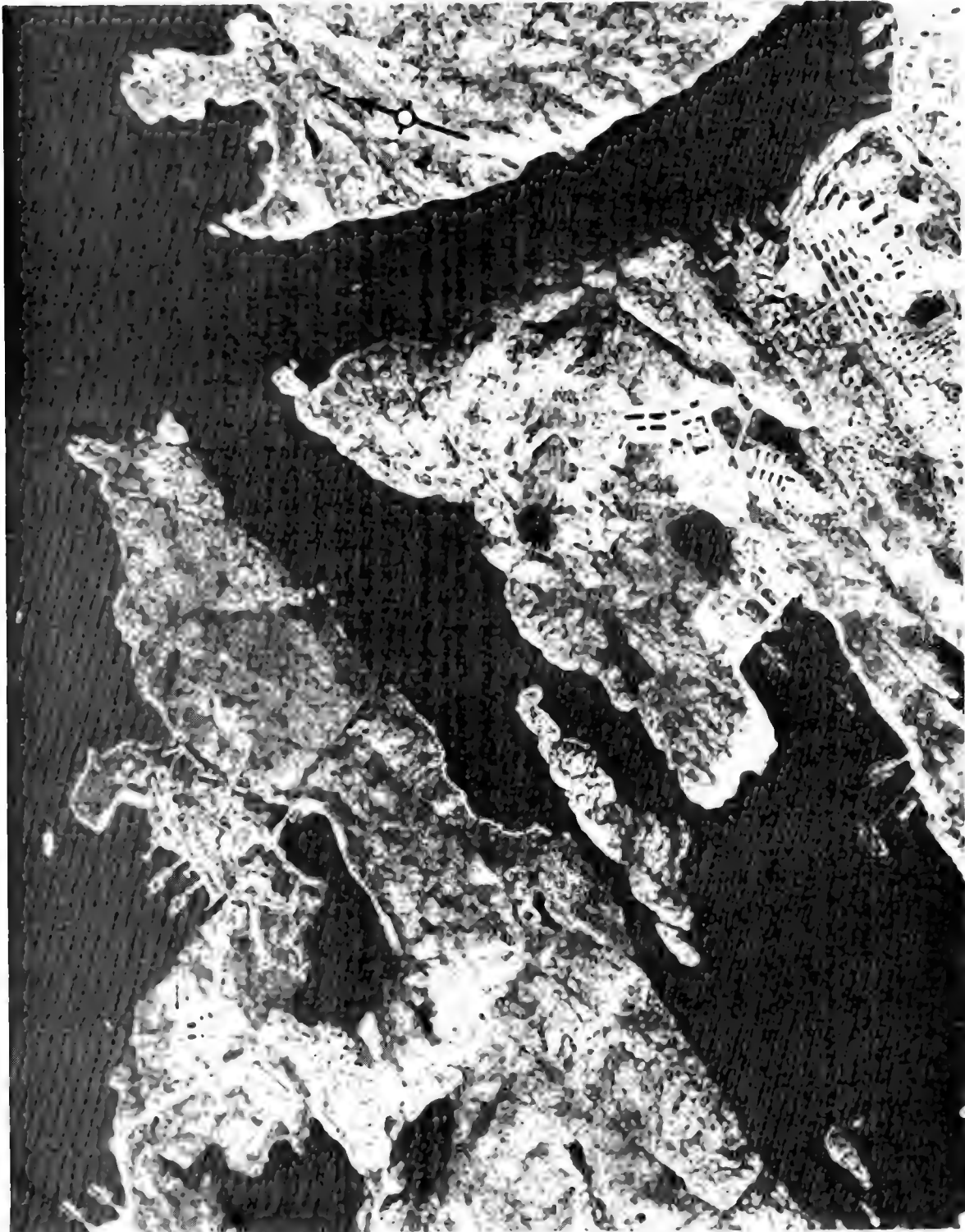


OMSK AREA, STATIC TEST FACILITY



SAYDA GUBA SUBMARINE BASE, MURMANSK AREA.

NPIC/R-135/63
ATTACHMENT 8



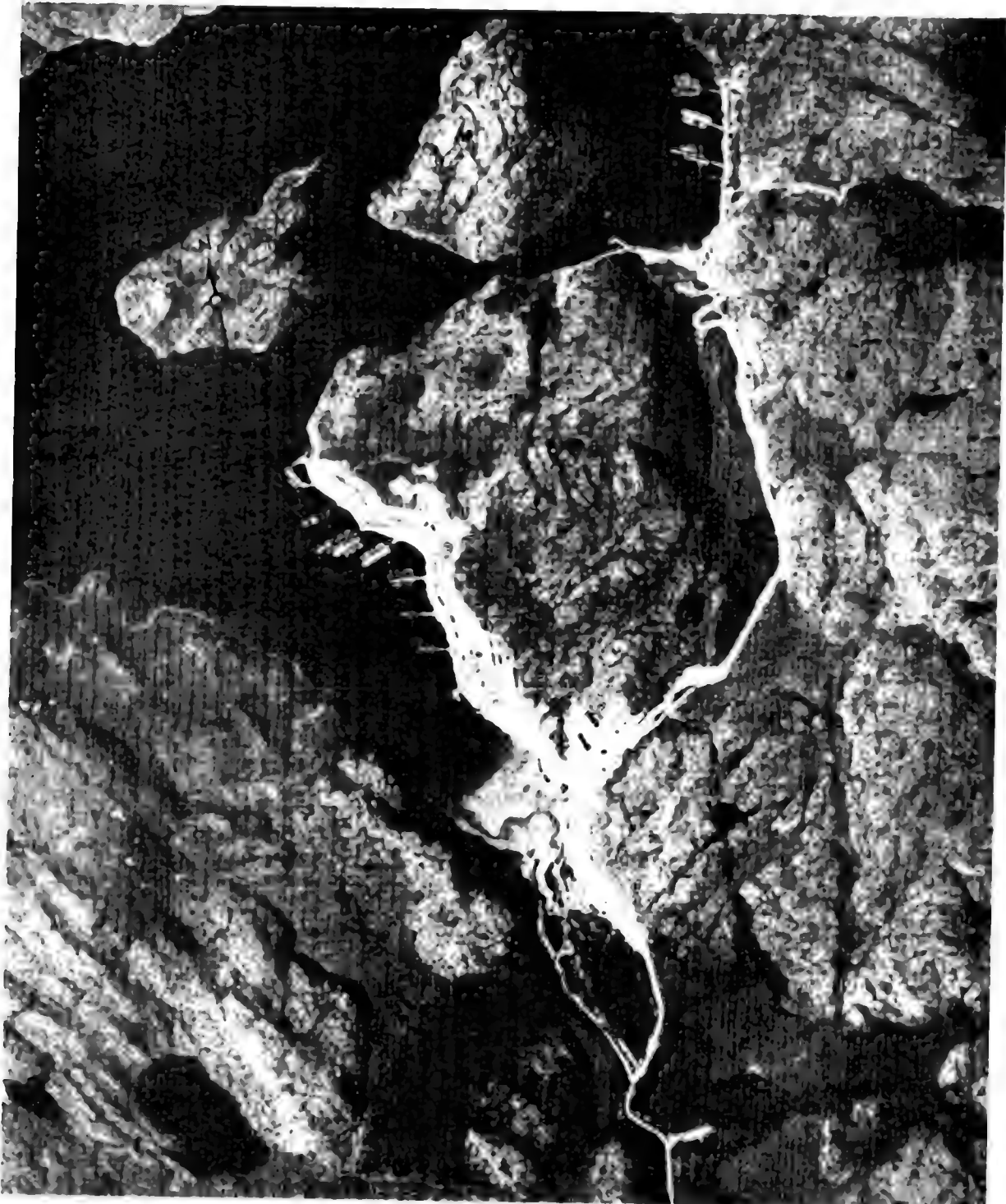
OLENYA GUBA SUBMARINE BASE, MURMANSK AREA

NPIC H-3426 (7/63)



POLYARNYY NAVAL BASE, MURMANSK AREA.

NPIC R-155 63



LITSA BAY SUBMARINE BASE, MURMANSK AREA.

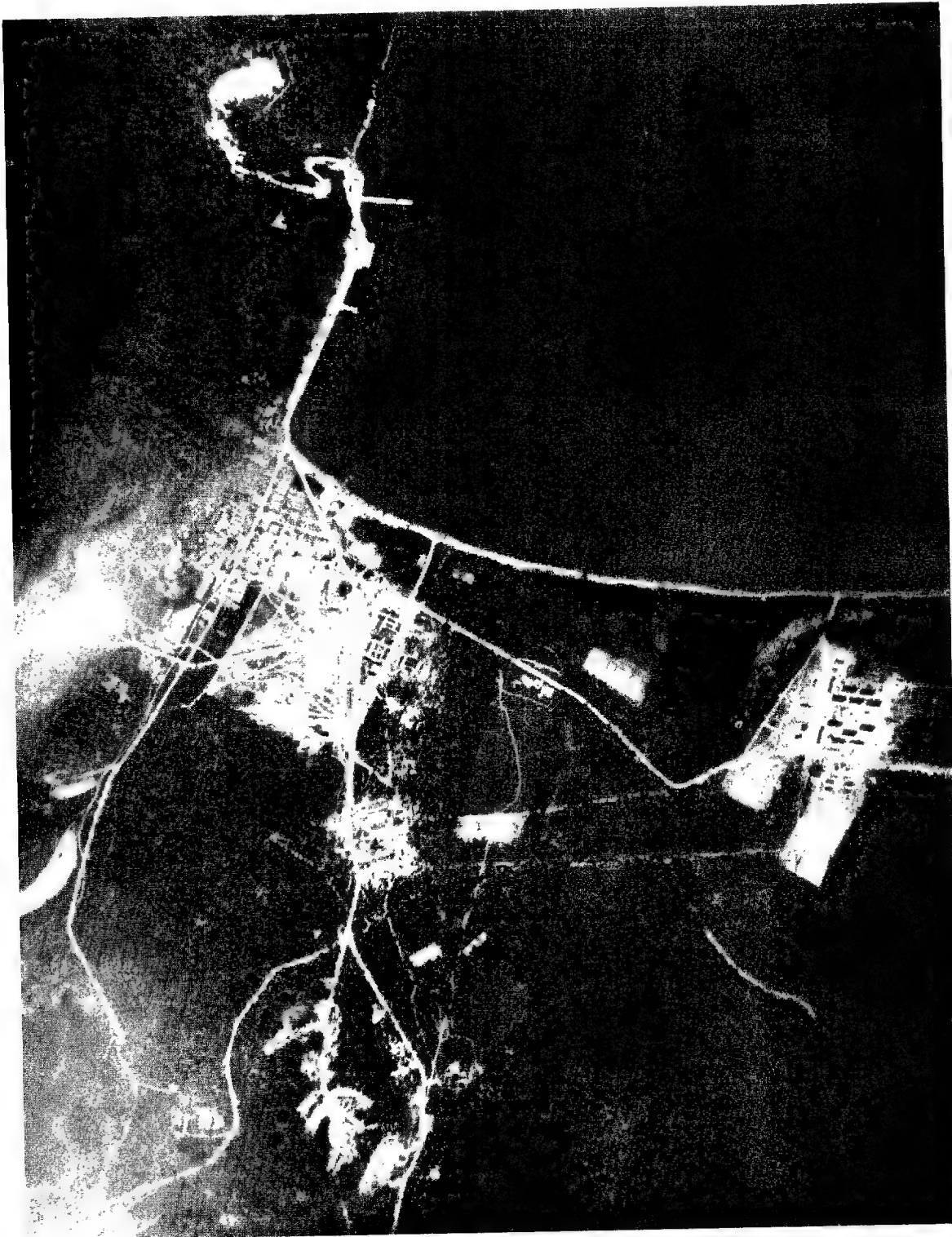
NPIC 11-0421 (7/63)



PETROPAVLOVSK KAMCHATSKIY SUBMARINE BASE.

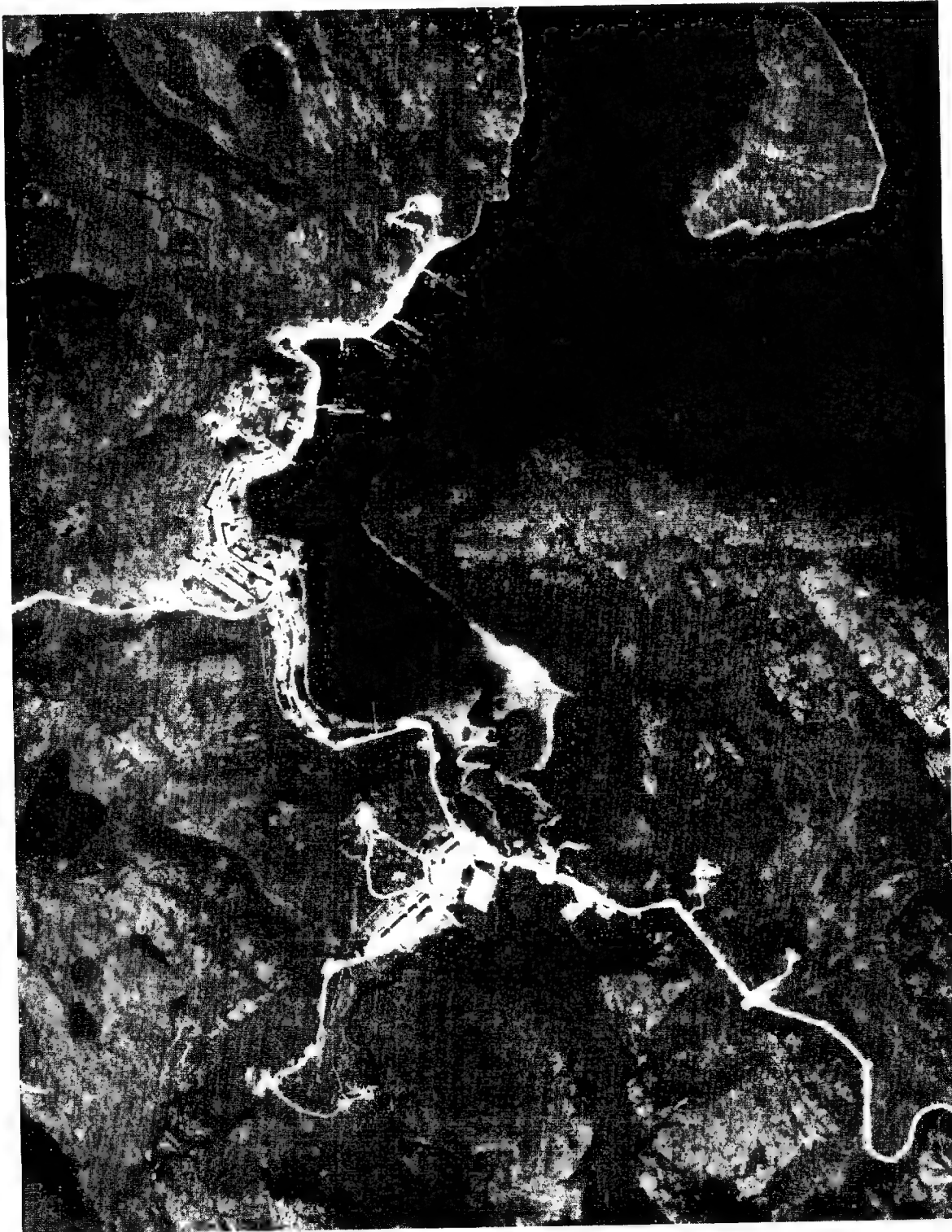


PETROPAPLOVSK KAMCHATSKIY NAVAL BASE AREA.



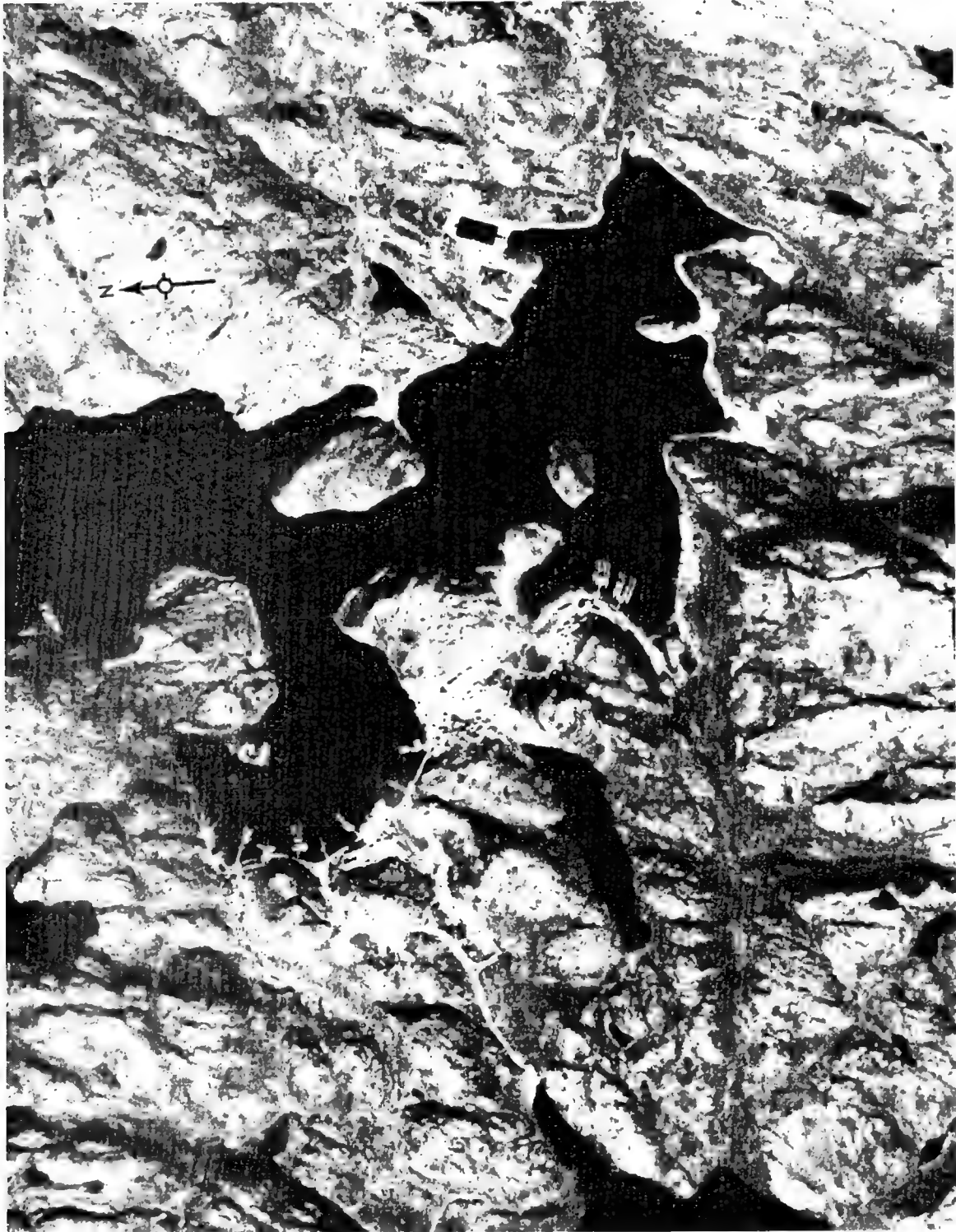
NAVAL BASE STORAGE AREA, PETROPAVLOVSK KAMCHATSKIY, USSR

NPIC R-135/63

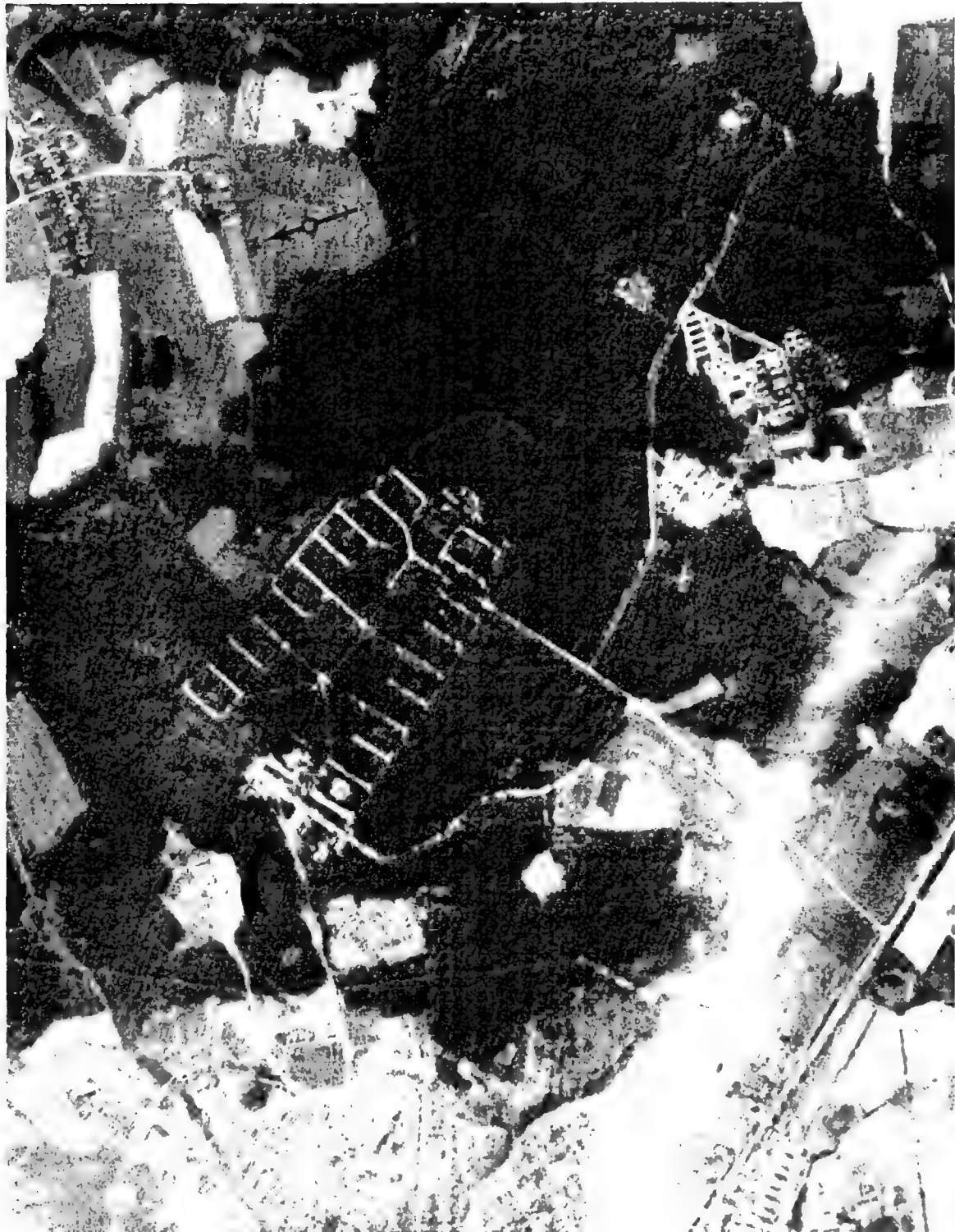


URA GUBA NAVAL BASE, MURMANSK AREA

NPIC H-3423 (7/63)

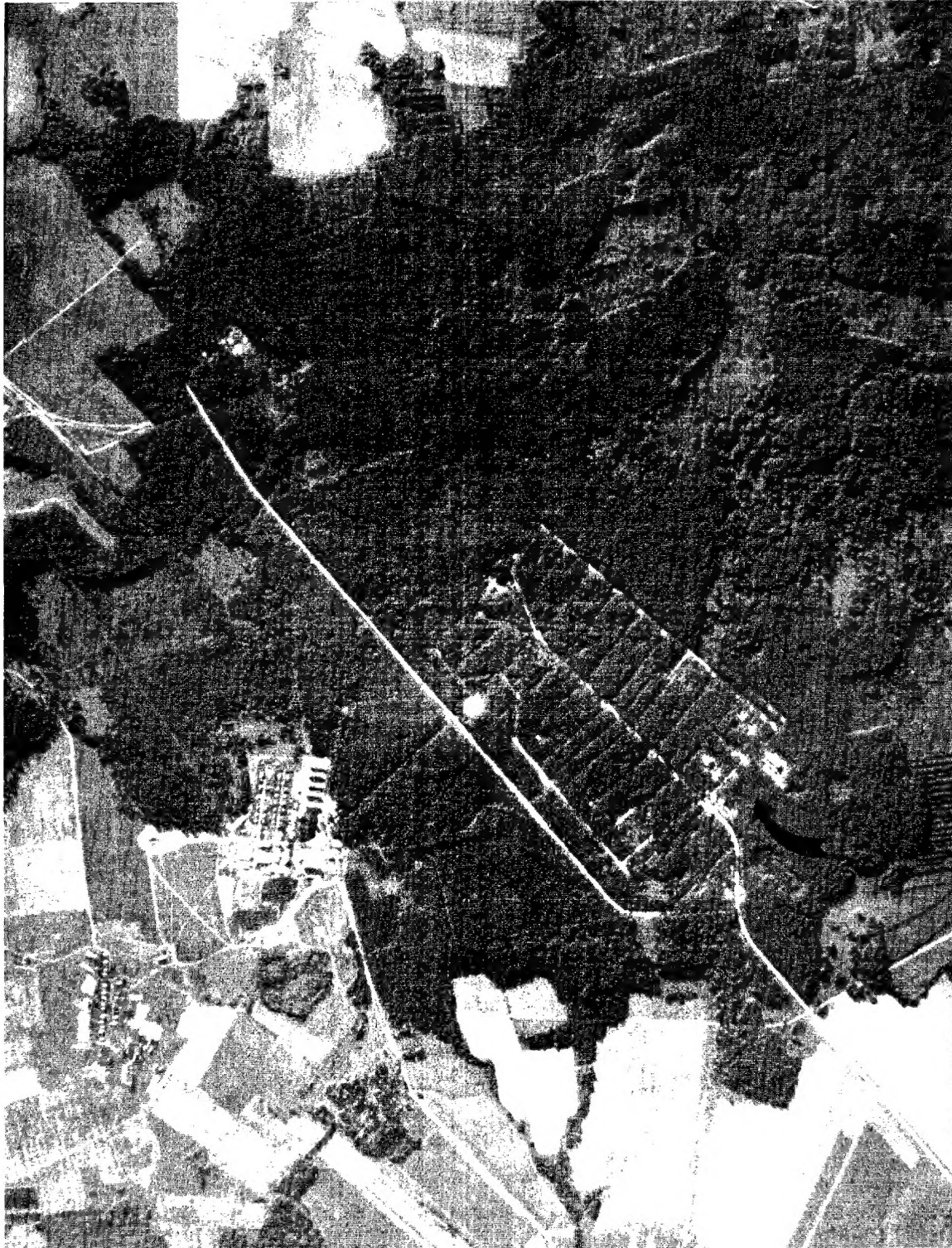


DOLGAYA NAVAL BASE, MURMANSK AREA.

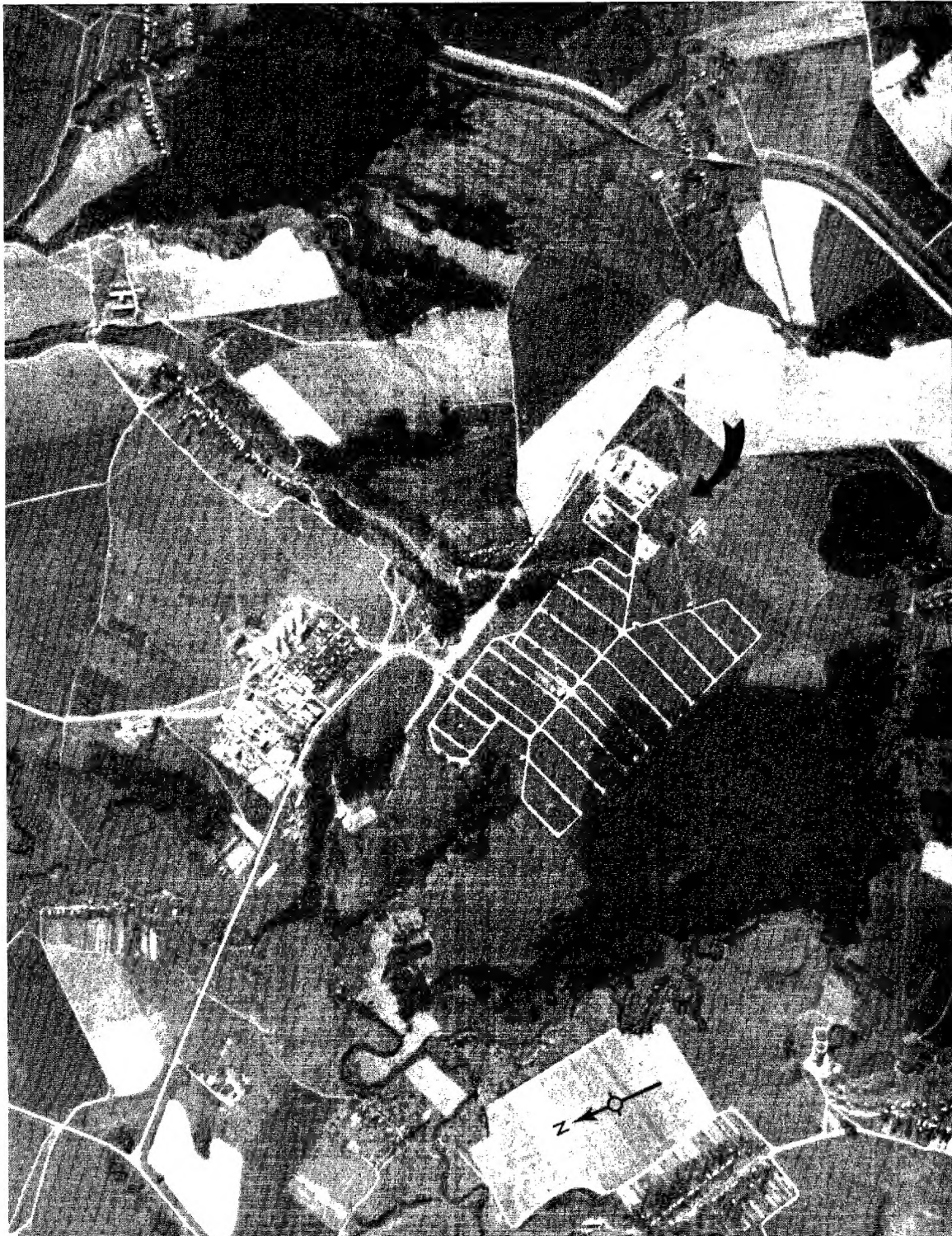


CONSTRUCTION ACTIVITY, SA-1 SITE E-33, MOSCOW

N.P.C. 3451 17/63



CONSTRUCTION ACTIVITY, SA-1 SITE E-24, MOSCOW



CONSTRUCTION ACTIVITY, SA-1 SITE E-15, MOSCOW

25X2

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TOP SECRET
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TOP SECRET